

➤ Notes for parents. Activity next page.

The purpose of this task is to help your child:

- to apply their subtraction, multiplication and division basic facts knowledge to solving number problems

Think about this:

- Make sure that a pencil and paper are available.
- Notice that each of these problems is 'open' and can have many answers.
- Your child is encouraged to write down all the possible solutions that they find to each problem. That way they can 'justify' their answers to the questions by showing you and explaining to you how they know they are right.
- Be sure to make time to discuss with your child what they find as they try out different numbers in their search for solutions.
- You might like to encourage them to look for a systematic way to approach each task, rather than randomly trying numbers.
- Perhaps you might enjoy doing this task too!



Activity | Missing numbers

Y6

You'll need some paper and a pencil.



The answer to this subtraction problem is 67.

What might the **missing numbers** be?

Could there be more than 20 combinations?

Show how you know.

$$\begin{array}{r} \square \square \square \\ - \square \square \square \\ \hline 67 \end{array}$$

Here's a problem.

$$\square \times \square \square$$

If you write only these numbers, 6, 7, 8 and 0 in any of the boxes, how many **different answers** can you find?

Write these down so you can show how you know.

When I add this number \square to this number, 281, I can then divide the sum by 10 with no remainder.

What **number** could go in the box?

Write down all your ideas.

Based on problems by Peter Sullivan.

